

sq.txt
SEQUENCE LISTING

<110> Agency for Science Technology and Research

<120> COLUMN-BASED DEVICE AND METHOD FOR RETRIEVAL OF RARE CELLS BASED ON SIZE, AND USES THEREOF

<130> 9869SG3596

<160> 58

<170> PatentIn version 3.5

<210> 1

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> SERPINE1 Preamplification Forward Primer

<400> 1
gccaagagcg ctgtcaa 17

<210> 2

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> SERPINE1 Preamplification and Amplification Reverse Primer

<400> 2
cagcagaccc ttcacaaa 19

<210> 3

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> VIM Preamplification and Amplification Forward Primer

<400> 3
gatgtttcca agcctgacct 20

<210> 4

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> VIM Preamplification Reverse Primer

<400> 4
cagtggactc ctgctttgc 19

<210> 5

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> FOXC1 Preamplification and Amplification Forward Primer

<400> 5
 cacaccctca aagccgaact 20

<210> 6
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FOXC1 Preamplification Reverse Primer

<400> 6
 aaagtggagg tggctctgaa 20

<210> 7
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> KRT8 Preamplification Forward Primer

<400> 7
 aaggatgccca acgccaagtt 20

<210> 8
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> KRT8 Preamplification and Amplification Reverse Primer

<400> 8
 ccgctggtgg tcttcgtatg 20

<210> 9
 <211> 17
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> EPCAM Preamplification Forward Primer

<400> 9
 gcaggtcctc gcgttcg 17

<210> 10
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> EPCAM Preamplification and Amplification Reverse Primer

<400> 10
 tctcccaagt tttgagccat tc 22

<210> 11
 <211> 24
 <212> DNA

sq.txt

<213> Artificial Sequence

<220>

<223> PTPRC Preamplification Forward Primer

<400> 11
gacatcatca cctagcagtt catg 24

<210> 12
<211> 19
<212> DNA
<213> Artificial Sequence

<220>

<223> PTPRC Preamplification and Amplification Reverse Primer

<400> 12
cagtggggga aggtgttg 19

<210> 13
<211> 19
<212> DNA
<213> Artificial Sequence

<220>

<223> VWF Preamplification Forward Primer

<400> 13
acacaggggg accaaagag 19

<210> 14
<211> 19
<212> DNA
<213> Artificial Sequence

<220>

<223> VWF Preamplification and Amplification Reverse Primer

<400> 14
gagatgcccg ttcacacca 19

<210> 15
<211> 19
<212> DNA
<213> Artificial Sequence

<220>

<223> PECAM1 Preamplification Forward Primer

<400> 15
tctcaacggt gacttgtgg 19

<210> 16
<211> 21
<212> DNA
<213> Artificial Sequence

<220>

<223> PECAM1 Preamplification and Amplification Reverse Primer

<400> 16
gttcttccca ttttgcaccg t 21

<210> 17
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> MCAM Preamplification and Amplification Forward Primer

 <400> 17
 ctcggtccca ggagtacc 18

<210> 18
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> MCAM Preamplification Reverse Primer

 <400> 18
 tgtacaaacc actcgactcc a 21

<210> 19
 <211> 19
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> ITGA2B Preamplification Forward Primer

 <400> 19
 cttctatgca ggccccaat 19

<210> 20
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> ITGA2B Preamplification and Amplification Reverse Primer

 <400> 20
 agcctacatt tcgggtctca tc 22

<210> 21
 <211> 25
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> CD34 Preamplification Forward Primer

 <400> 21
 ccttctgggt tcatgagtct tgaca 25

<210> 22
 <211> 25
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> CD34 Preamplification and Amplification Reverse Primer

<400> 22
 tgtcgtttct gtgatgtttg ttgtg 25

<210> 23
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FOLH1 Preamplification Forward Primer

<400> 23
 cgatattgt accacctttc agt 23

<210> 24
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FOLH1 Preamplification and Amplification Reverse Primer

<400> 24
 agcagggtcg gagtagagaa 20

<210> 25
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ENG Preamplification and Amplification Forward Primer

<400> 25
 gtgacggtga aggtggaact ga 22

<210> 26
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ENG Preamplification Reverse Primer

<400> 26
 ttgaggtgtg tctgggagct 20

<210> 27
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> KDR Preamplification and Amplification Forward Primer

<400> 27
 gaaatgacac tgagcctac aag 23

<210> 28
 <211> 21
 <212> DNA

<213> Artificial Sequence
 <220>
 <223> KDR Preamplification Reverse Primer
 <400> 28
 aatggacccg agacatggaa t 21

<210> 29
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> CDH5 Preamplification Forward Primer
 <400> 29
 gttcacgcat cggttggtca at 22

<210> 30
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> CDH5 Preamplification and Amplification Reverse Primer
 <400> 30
 gcctgcttct ctcggtccaa 20

<210> 31
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> TEK Preamplification and Amplification Forward Primer
 <400> 31
 cttatttctg tgaagggcga gtt 23

<210> 32
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> TEK Preamplification Reverse Primer
 <400> 32
 ctcccttgtc cacagtcata gt 22

<210> 33
 <211> 25
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> ANGPT2 Preamplification Forward Primer
 <400> 33
 aacactccct ctcgacaaac aaatt 25

<210> 34
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> ANGPT2 Preamplification and Amplification Reverse Primer

 <400> 34
 ctgtagttgg atgatgtgct tgtc 24

<210> 35
 <211> 23
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> SERPINE1 Amplification Forward Primer

 <400> 35
 agaacttcag gatgcagatg tct 23

<210> 36
 <211> 21
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> VIM Amplification Reverse Primer

 <400> 36
 tgtaccattc ttctgcctcc t 21

<210> 37
 <211> 22
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> FOXC1 Amplification Reverse Primer

 <400> 37
 gagggatatt ctgttcgctg gt 22

<210> 38
 <211> 17
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> KRT8 Amplification Forward Primer

 <400> 38
 gctggagggc gaggaga 17

<210> 39
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> EPCAM Amplification Forward Primer
 Page 7

<400> 39
 ccgcagctca ggaagaatgt 20

<210> 40
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PTPRC Amplification Forward Primer

<400> 40
 caacagtgga gaaaggacgc a 21

<210> 41
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> VWF Amplification Forward Primer

<400> 41
 tgcctccaaa gggctgtatc 20

<210> 42
 <211> 21
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> PECAM1 Amplification Forward Primer

<400> 42
 cagtcttcac tctcaggatg c 21

<210> 43
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> MCAM Amplification Reverse Primer

<400> 43
 cggccattct tgtaccagat ga 22

<210> 44
 <211> 16
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> ITGA2B Amplification Forward Primer

<400> 44
 ggcggcgtgt tcctgt 16

<210> 45
 <211> 22
 <212> DNA

<213> Artificial Sequence
 <220>
 <223> CD34 Amplification Forward Primer
 <400> 45
 ctaccccaga gttacctacc ca 22

<210> 46
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> FOLH1 Amplification Forward Primer
 <400> 46
 ccagagggcg atctagtgtgta 20

<210> 47
 <211> 24
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> ENG Amplification Reverse Primer
 <400> 47
 agtattctcc agtggtccag atct 24

<210> 48
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> KDR Amplification Reverse Primer
 <400> 48
 tgttggtcac taacagaagc a 21

<210> 49
 <211> 20
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> CDH5 Amplification Forward Primer
 <400> 49
 cacgcctctg tcatgtacca 20

<210> 50
 <211> 21
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> TEK Amplification Reverse Primer
 <400> 50
 gtagctggta ggaaggaagc t 21

<210> 51
 <211> 24
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> ANGPT2 Amplification Forward Primer

 <400> 51
 ggaccagacc agtgaaataa acaa 24

<210> 52
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> KRT18 Preamplification Forward Primer

 <400> 52
 tgctcaccac acagtctgat 20

<210> 53
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> KRT18 Preamplification Reverse Primer

 <400> 53
 cactttgccca tccactagcc 20

<210> 54
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> KRT19 Preamplification Forward Primer

 <400> 54
 cagccactac tacacgacca 20

<210> 55
 <211> 18
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> KRT19 Preamplification Reverse Primer

 <400> 55
 cgttgatgtc ggcctcca 18

<210> 56
 <211> 20
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> KRT18 Amplification Forward Primer

sq.txt

<400> 56
tggaggaccg ctacgcccta 20

<210> 57
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> KRT18 Amplification Reverse Primer

<400> 57
ccaaggcatc accaagacta 20

<210> 58
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> KRT19 Preamplification Forward Primer

<400> 58
tgcgggacaa gattcttggt 20